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CHEMICAL PLANT DEVELOPS NEW ANESTHETIC;
IMPROVES PROCESS FOR LIQUEFYING OXYGEN

ANESTHETIC REDUCES SWELLING IN THROAT DISEASES -- Berlin, Nachrichten fuer Aussenhandel, 16 Sep 50

The Fahlberg-List Organa Chemical Plant in Magdeburg has developed a new anesthetic with a particularly strong effect. It reduces swelling in diseases of the throat or larynx and in inflammation of the nose and throat, and is especially effective in penetrating deeply. This new anesthetic also shows favorable results in treating tuberculosis of the throat and larynx and even bronchial cancer. It can also prevent colds with certainty.

Use of this anesthetic has also been successful in the dental field, and has resulted in three new dental preparations. The strong anesthetic power of the preparations will make the nerve of a tooth fully insensitive, which will permit the removal of the nerve without pain. The effect of the new anesthetic is so great that injections can be avoided in case of a loose tooth; spreading one of the new preparations on the mucous membrane suffices. The new preparations have also been successful in curing gum diseases. The Halle/Saale and Rostock Pharmacological Institutes have approved the preparations.

The Fahlberg-List plant will market the preparations under the trade names "Falipulin," "Falimun," and "Falicid" within a short time. In addition, a new injection preparation to be used for tooth extraction will be introduced within a few months. This preparation will avoid painful aftereffects and the danger of shock, especially when the patient has a weak heart.

CAN LIQUEFY OXYGEN IN ANY QUANTITY DESIRED -- Berlin, Taegliche Rundschau, 29 Sep 50

Meltendorf, an engineer at the Piesteritz Nitrogen Plant, has developed a new process for liquefying oxygen. The process makes it possible to liquefy oxygen in any quantity desired, whereas the customary process allows only a limited quantity to be taken from the air-separation apparatus. The increasing demand for oxygen for carrying out the Five-Year Plan can now be met by the Piesteritz Plant. Supply no longer depends on the costly transportation of oxygen flasks. Engineer Meltendorf also succeeded in raising the purity of oxygen from 97.6 to 99.2 percent.

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TO START HYDROGENATION OF COAL -- Berlin, Nachrichten fuer Aussenhandel, 9 Sep 50

Within the Five-Year Plan, the hydrogenation department of the Leuna Plant will change over to the hydrogenation of coal. This will result in improving the quality of synthetic gasoline, which is an important export item. The ethane obtained thereby will be used as a basic material for lubricants, while the phenols will be used for producing plastics, pharmaceuticals, and lactam.

BUNA CHEMICAL WORKS ADVERTISE PRODUCTS -- Berlin, Export Echo, No 6, Jun 50

The Buna Chemical Works in Schkopau/Merseburg advertise the following items in the periodical Export Echo:

Synthetic rubber; Igelit PCU; polystyrol; softeners (palatinols); solvents (acetone, acetates, butanol, solvents E-13 and GA-190, ethyl glycol, and ethyl polyglycol); glycals (ethylene glycol, diglycol, and triglycol); textile chemicals (Sapal, a washing and dyeing agent; Fluval, a softener, Peral, an equalizer; Nekal BX, a moistening agent; Fibrit D, a printing mordant; Lychromal, a special solvent for sulfur dyes); cleansing and degreasing agents (trichlorethylene and perchlorethylene); formaldehyde; emulsifiers; stabilizers; acetic acid; caustic soda; Kalunit (for the soap industry); ethyl chloride; ethylene chloride; aluminum chloride; Glysantin; brake fluid; lubricators; building lime and lime fertilizer; intermediate products for the pharmaceutical industry; and other organic and inorganic products.

IMPORTS RAW PHOSPHATE FROM USSR -- Berlin, Nacht-Express, 3 Oct 50

Under the trade agreement with the USSR, 4,500 tons of raw phosphate have arrived at the Fahlberg-List Organa Chemical Plant in Magdeburg since July 1950.

The phosphates are needed for producing high-quality superphosphate fertilizer.

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